National Parks and Historic Sites

Parcs nationaux et lieux historiques

Fundy National Park Visitor's Guide - 1993

SALT & FIR

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Important Telephone Numbers

Emergency Number (506) 882-2281 (24 hours)

Crime Stoppers 1-800-222-8477

TDD (506) 887-2005

Park Information (regular working hours) (506) 887-2000

Recorded Information (506) 887-2305 (24 hours)

Aussi disponible en français

Welcome to Fundy National Park!

Change is the key word at Fundy, whether we're talking about the giant tides sweeping across and renewing the coastal flats each day, or the highland waterfalls at work for thousands of years deepening the river valleys. Here at Fundy our job is to ensure that these natural processes continue to happen —that the landscape and wildlife continue to evolve according to rhythms dictated by nature, not human actions.

Our facilities are changing too. This year we're taking the first steps toward converting the park's administration building to a Visitor Centre, and campers will discover major improvements at Chignecto campground. And change is the subject of research here at the park; under the umbrella of Canada's Green Plan, scientists are monitoring how actions inside and outside the park affect the environment.

Discover some of these changes by walking our trails and exploring our beaches: these are two of the best ways to make the most of your stay at the park. You may also want to take a scenic drive, play a round of golf, picnic, join an interpretive program. The natural and cultural heritage protected at Fundy National Park are here for you to learn from and enjoy.

Mart Johanson
Superintendent

1993 Special Events

June 6 - 12: **Environment Week** - watch for announcements of activities.

July 1: **Official opening of the Shiphaven trail** and launch of the new interpretive panels on the history of logging and shipbuilding at Point Wolfe. Other Canada Day activities will take place in the park and in Alma.

July 17: **Parks Day** - a day for special activities in parks across the country. Watch for details.

August 20 & 21: **Nova East '93** - star-gazing with high-power telescopes and other astronomy events presented by the Halifax Centre of the Royal Astronomical Society of Canada and the Saint John Astronomical Society.

September 11 & 12: **Fundy Open Golf Tournament**

On the Cover

Our cover shows the Fundy National Park Visitor Centre on Saturday, July 29, 1950 - the day that it and Fundy National Park were opened for public use. For 43 years it served as the park's Administration Building,with the Park Superintendent and his senior staff working from it. In January of 1993 the administrative staff moved to new offices in the renovated Assembly Hall and conversion of the administration building into a visitor centre began. The visitor centre is an officially designated "heritage building" under the standards of the government of Canada. The English-style fieldstone cottage character of the building will be preserved for future generations.

Look for this sign throughout the SALT & FIR visitor's guide: it will warn you of hazards in the park.

Vehicle Entrance Permits

From June 25th to September 6th, a permit is required to visit the park with a motorized vehicle.

Permit fees:

one day	$5.00
four days	$10.00
annual	$30.00
local annual	$20.00

Recreation

Golfing

Nine-hole golf course, open May 21 to October 11. Call the Pro Shop at 887-2970 to reserve your tee-off time.

Green Fees - One Round **$8.75**
One Day **$16.50**
Four Days **$49.50**
Seven Days **$82.50**

Seasonal green fees are also available for individuals, couples and juniors.

Boating

The park's lakes are open to non-motorized craft. Canoes, rowboats and sailboats may be rented at Bennett Lake for $3.00 to $5.00/hour.

Photo: Brian Townsend

Boat rental concession at Bennett Lake

Swimming

A saltwater pool, heated to 25°C, is open June 25 to September 6 from 11:00 a.m. to 7:00 p.m. (last admission at 6:30 p.m.). Lifeguards are on duty. Visitors camping in park campgrounds have free admission to the pool: get your hand stamped at the campground kiosk.

	Child	Adult	Family
One Day	**$1.25**	**$2.00**	
One Week	**$6.00**	**$10.25**	**$25.00**
Season	**$28.75**	**$45.75**	

Unsupervised swimming is available at the Bennett Lake and Wolfe Lake beaches. Swimming in the Bay of Fundy is best at Waterside or Dennis beaches, 12 kilometres east of the park on Hwy 915.

Picnicking

You can picnic anywhere in the park as long as you remove all litter, park your car in a safe place and do no disturb any wildlife. All formal picnic areas have tables, garbage cans, and dry toilets.

Bennett Lake offers swimming, boat rentals, fishing, open shelters, barbecue grills, and two hiking trails. **Herring Cove** overlooks the bay and has enclosed shelters with stoves, barbecue grills, an interpretive exhibit with telescope, a beach, and three trails. **Kinnie Brook** provides barbecue grills and a self-guiding trail. **Point Wolfe**, overlooking the river, has barbecue grills, an exhibit, a telescope, interpretive signs, four trails and a beach nearby. **Wolfe Lake** has swimming, information panels, and access to the information centre and book shop. The **Headquarters** area has flush toilets, information panels, interpretive signs, three trails and picnic tables.

Headquarters Recreation Area

Tennis, lawn bowling and a children's adventure-style playground are all located adjacent to the Clubhouse restaurant in the Headquarters area. The playground is unsupervised; children should not be left unattended. Tennis and lawn bowling equipment rentals are available at the nearby Pro Shop from May 21 to October 11.

Equipment Rental Fees -
Lawn bowling **$1.25/person/hour**
Tennis racquets & balls ... **$1.55/person/hour**

Mountain Biking

Mountain biking is currently restricted to five trails: Goose River, Marven Lake, Black Hole, Bennett Brook, (up to top of Point Wolf valley), and East Branch (take the right-hand side to the river and return the same way). All these trails were once logging roads. The other hiking trails are not built to withstand the wear and tear of bicycles; nor do they offer enough space for both hikers and bikers. Avoid accidents: remember that you're sharing the trail with hikers.

Fishing

A national park fishing permit is required and is available at campground kiosks, the Visitor Centre and the Wolfe Lake information centre. Brook trout season is May 22 to September 15. The park is closed to salmon angling in 1993 due to low salmon population numbers. Please note that the Point Wolfe River, including Bennett Brook up to the lower falls, is closed to all angling.

Fishing Permits - **One Day** **$4.00**
Seven Days **$6.00**
Annual **$13.00**

Safety Tips

WILDLIFE

Feeding animals is strictly forbidden. Unnatural food can harm animals and cause them to rely on undependable food sources. Animals that are fed frequently may expect handouts and become aggressive towards humans. Once they lose their fear of people, animals are more likely to wander onto roads, where they may be hit by passing traffic and where they are more susceptible to poaching.

SWIMMING

Going for a swim in one of the park's rivers can be an enjoyable experience. The following precautions must be taken to ensure that the water conditions are safe.

- **Do not swim where the current is strong.**
- **Never swim alone.**
- **Never dive into the river, even if it appears to be deep enough** (rocks are hidden just below the surface).

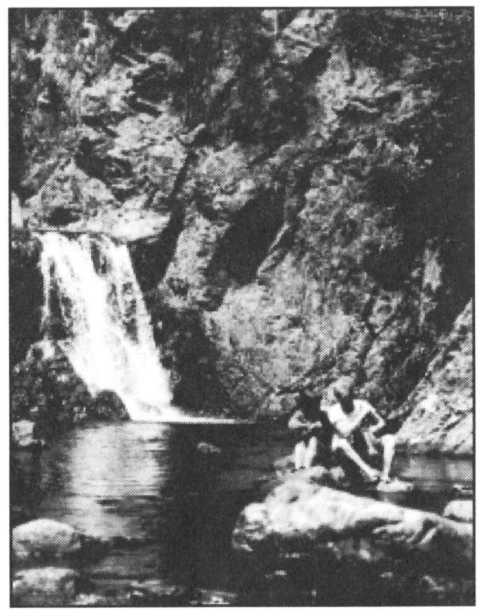
A swim in the Bay of Fundy can be refreshing when the tide is high on a hot summer day, but beware of possible tidal currents and undertow if the waves are large.

FIRES Campfires are only permitted in the fireplaces. Please do not collect twigs, leaves, and bark as fire-starting material. They are a natural fertilizer and mulch for ground plants and young trees.

FIREARMS The use of firearms in national parks is prohibited. Guns may be transported on Hwy 114 and the Shepody and Forty-five roads only, and they must be encased or dismantled.

LITTER Keep Fundy clean by putting your garbage in the containers provided. When hiking, please respect the pack-in, pack-out policy by carrying all of your garbage back to the trash can at the trailhead.

RIVER CROSSINGS The Upper Salmon River, Bennett Brook and Foster Brook trails require the fording of a river. When the water is unusually high, these crossings can be hazardous. Water levels are monitored by Park Wardens, and the crossings are closed when conditions are extreme. Signs at the trailheads will indicate if the crossings are closed. If you feel uneasy about the water conditions, turn around and retrace your steps.



Where to Camp

Family Camping For your camping pleasure we offer you two climates—heat and sun at Chignecto and Wolfe Lake, cooler temperatures and sea breezes at Headquarters and Point Wolfe. Chignecto is a large, wooded campground with campsites ranging from fully serviced to unserviced. Wolfe Lake is a small, unserviced, lakeside campground. Headquarters has unscreened sites for tents, trailers and RV's with many services nearby (outdoor theatre, golf course, swimming pool, playground, and tennis courts). Point Wolfe is a quiet, open area with excellent scenery and trails. Campsites are allocated on a first-come, first-served basis. Reservations are not accepted. If space is not available in the fully-serviced sites, you may place your name on a waiting list and attend a roll call the following day.

Wilderness Camping There are wilderness campsites on the Goose River, Marven Lake, Tracey Lake, Foster Brook and Upper Salmon River trails. To use these sites, you must register in advance at the Visitor Centre or Wolfe Lake information centre or at the Point Wolfe campground; or telephone (506) 887-2000. Your co-operation with our pack-in, pack-out garbage policy will ensure clean sites for future campers. Campfires are permitted where fireplaces are provided. Use of backpacking stoves is desirable because of their very small impact on the environment.

Photo: Barrett and MacKay

Group Camping The Micmac group campground is available to organized groups wishing to have an educational or recreational experience in a natural setting, while respecting the environment and other visitors. The consumption of alcoholic beverages is not allowed in the group campground.

Services Inside The Park

Lodging

Fundy Park Chalets, P. O. Box 72 Alma, N. B. E0A 1B0 Housekeeping units (506) 887-2808

Caledonia Highlands Inn and Chalets, P. O. Box 99 Alma, N. B. E0A 1B0 Housekeeping units (506) 887-2930 or (506) 372-9778

Fundy National Park C. H. A. Hostel on Devil's Half Acre Road (506) 887-2216

Food and Drinks

Clubhouse Restaurant and Coffee Shop, open May 21 to Labour Day.

Medical Services

First aid is available at the Visitor Centre, at the Wolfe Lake Information Centre and at all campground kiosks.

Information

Our staff can help you plan your activities so that you get the most of your stay.

Visitor Centre

Telephone: 887-2000

Spring hours: May 21 - June 17
Sat. & Sun.: 10:00 a.m. - 5:00 p.m.
Mon. - Fri.: 8:15 a.m. - 4:30 p.m.

Summer hours: June 18 - Sept. 6
Every day: 8:00 a.m. - 9:00 p.m.

Fall hours: Sept. 7 - Oct. 11
Sat. & Sun.: 10:00 a.m. - 5:00 p.m.
Mon. - Fri.: 8:15 a.m. - 4:30 p.m.

Wolfe Lake Information Centre

Telephone: 432-6026

Spring hours: May 21 - 24
Everyday: 9:00 a.m. - 9:00 p.m.

Summer hours: June 18 - Sept. 6
Fri. & Sat.: 9:00 a.m. - 9:00 p.m.
Sun. & Mon.: 10:00 a.m. - 5:00 p.m.
Tues. - Thurs.: 10:00 a.m. - 6:00 p.m.

Campground					Services	Fees
Chignecto June 18 - Sept. 19	✔	✔	✔	✔	• dumping station • playground • firewood sales • kitchen shelters • flush toilets	unserviced: $ 8 electrical: $11 two-way: $13 3-way: $15
Headquarters May 19 - Oct. 11	✔	✔	✔		• dumping station • kitchen shelters • flush toilets	unserviced: $10 3-way: $15.50
Point Wolfe June 25 - Sept. 6	✔		✔		• kitchen shelters • flush toilets • laundromat	unserviced: $ 7.75
Wolfe Lake May 19 - Oct. 11	✔				• kitchen shelters • pit toilets	unserviced: $ 6

Access to Facilities For Visitors With Disabilities

Canada's national parks are providing more recreational and learning experiences for visitors of all physical abilities.

At Fundy National Park, the Headquarters campground offers a campsite and washroom accessible by wheelchair, and Chignecto campground has a complete range of services for campers in wheelchairs. The Wolfe Lake information centre and the Visitor Centre are both accessible to persons in wheelchairs. Both buildings have accessible washrooms. At both Alma beach and Point Wolfe there is an accessible boardwalk and lookoff. The Headquarters outdoor theatre can be reached by wheelchair from a pull-out on the Point Wolfe road.

For visitors with reduced vision, publications and exhibits are now produced in larger type size and with improved contrast; this magazine is one example.

Fundy now has TDD service to better serve visitors with who are deaf or hard of hearing. Call us at 887-2005.

If you have comments that may assist us in improving services for visitors with disabilities, we'd like to hear from you.

Services Outside the Park

Food & Drink: Open Year-Round

Harbourview Market, groceries and lunch bar, Alma
MacDonald's Self-Service, groceries and snack bar, Alma
N. B. Liquor Corporation, Alma
Albert Variety (Quik Mart), Riverside-Albert
Bett's Variety, Riverside-Albert
Maples Canteen, take-out, Riverside-Albert
Morrissey's Groceries, Riverside-Albert
Woodworth's Groceries, Hopewell Hill
Rocks View Variety, groceries and take-out, Hopewell Cape
Kaye's Corner Store, Penobsquis
Timberland Motor Inn, Penobsquis

Food & Drink: Open Spring/Summer/Fall

Baking Paradise 2000 (German pastries), Alma
Butland's Fundy Lobster Shop, Hwy 114, 2 km east of Alma
Fundy Take-Out, Fundy View Drive, Alma
High Tide Family Restaurant, Alma
Kelly's Bake Shop, Alma
Parkland Dining Room & Take-Out, Alma
Shepody Lounge, in the Parkland Hotel, Alma
The Lobster Shop, Ocean Drive, Alma
Old Bank of New Brunswick, Café, Riverside-Albert
Red Roof Restaurant, Riverside-Albert
Log Cabin Restaurant, Hopewell Cape
Steeves' Family Restaurant, 3 km east of Hopewell Cape
The Rocks Provincial Park Restaurant, Hopewell Cape
Ginger Bread House Bakery, Penobsquis

Lodging: Inns & Motels

Alpine Motor Inn, Alma, 887-2052, some housekeeping units
Anchor Inn, Alma, 887-2801
Bayview Motel, Alma, 887-2103, trailer hook-ups available
Burns' Motel, Alma, 887-2909, some housekeeping units
Captain's Inn, Alma, 887-2017
Fundy View Cabins, Alma, 887-2113
Hilltop Motel, Alma, 887-2401, some housekeeping units
Parkland Hotel, Alma, 887-2313
Shepody Lodge, Harvey, 882-2667
Hopewell Rocks Motel, Hopewell Cape, 734-2975
Steeves' Family Cottages, Hopewell Cape, 734-2551
Pine Cone Motel, Penobsquis, 433-3958
Timberland Motor Inn, Penobsquis, 433-2480

Lodging: Bed & Breakfast Establishments

Cleveland Place, Alma, 887-2213
Babbling Brook, Riverside-Albert, 882-2079
Broadleaf Farm, Hopewell Hill, 882-2349
Broadleaf Too, Hopewell Hill, 882-2803
Dutch Treat Farm, Hopewell Hill, 882-2552
Florentine Manor, Harvey, 882-2271
Aiko's Villa, Hopewell Cape, 734-3160
First Mate's, Hopewell Cape, 734-3208
Pollock's Heritage Farm, Hopewell Cape, 734-2252
Sheriff's Inn, Hopewell Cape, 734-3013

Guides & Outfitters

Baymount Outdoor Adventures, Hillsborough, 734-2660
East Coast Expeditions, Box 15, St. Martins, 833-4689
Fundy Hiking Holidays, Box 24, St. Martins, 833-2534

Campgrounds & Camping Supplies

Bayview Trailer Park, Alma
Cape Enrage Campground, Cape Enrage Rd. off Hwy 915
Broadleaf Farm, camping, Hopewell Hill
Ponderosa Pines Park, 3 km west of Hopewell Cape on Hwy 114
Steeves' Family Campground, 3 km east of Hopewell Cape
KOA, Penobsquis
Lone Pine Park Campground & Cabins, Penobsquis
Pine Cone Trailer Park, Penobsquis
Shell Station, camping supplies, Main St., Alma

Gifts, Crafts & Art Galleries

Alpine Gift Shop, Main St., Alma
Cleveland Place, Main St., Alma
Granny Nook in Harbourview Market, Main St., Alma
Lonesome Rose Pottery, off Hwy 114 twelve km east of Alma
Treasured Memories, Hwy 915, New Horton
Mountain Ash Crafts, Hwy 915, Harvey
Joie de Vivre, Main St., Riverside-Albert
The Berry Patch, Riverside-Albert
R&J Homestead Craft Barn, Hopewell Cape
Animaland, Penobsquis
Magic Lantern Shells and Gifts, Penobsquis
Honey Tree Farm, R.R. #2, Petitcodiac

Gas Stations

Esso; Betts, Riverside-Albert
Irving; Alma
Irving; Rocks View Variety, Hoewell Cape
Shell; Alma
Ultramar; Maples Canteen, Riverside-Albert,

Car Repair

Lyman's Garage on Hwy 114 twelve km east of Alma
Dixon's Repair Shop, Hopewell Hill

Medical Services

Clinic in Riverside-Albert, 882-2911
Hospital in Riverside-Albert, 24 km east of the park, 882-2750
Pharmacy, Riverside-Albert, 882-2226

Sunday Religious Services

Holy Ghost Roman Catholiic Church, Riverside-Albert, 10 a.m.
United Church, Main St., Alma, 11 a.m.
United Baptist Church, Main St., Alma, 9:45 a.m.

Public Transportation

The nearest bus and rail terminals are in Moncton and Sussex
The nearest airports are in Moncton and Saint John

Bank

Bank of Nova Scotia at Riverside-Albert, open Monday to Friday, 10 a.m. - 3p.m., also open 3 - 5:30 p.m. on Thursdays. The nearest automatic banking machines are in Sussex and Moncton.

Laundromat

Main St., Alma, adjacent to the Parkland Hotel

Interpreters Share Fundy's Secrets

From late June to mid-October, Fundy National Park offers free interpretive services to help you discover the natural and cultural wonders of the Fundy coast. A detailed schedule of these events is posted on park bulletin boards and at park information centres and campground kiosks.

Guided walks go ahead, no matter what the weather. Why not join us for a refreshing walk in the rain? When the weather is inhospitable, evening programs at the Headquarters outdoor theatre move indoors to the Assembly Hall.

Guided Walks Beach walks are offered most days during July and August. For a couple of hours, you'll explore the bottom of the sea, watch the tide rise and glimpse a world of unusual creatures. Distance walked is usually less than one kilometre. Longer guided walks explore Fundy's forests and rivers.

Evening Programs Slides, music and drama will take you on a special journey through the park or into the past. Programs last about one hour and start near dusk. If the night feels cool, bring a coat or blanket. If it's warm, bring insect repellant.

Campfire Programs Songs, stories and a cheery blaze are the ingredients of these programs, presented once a week at the campfire circle across the highway from Chignecto campground. Bring your best singing voice, a flashlight, and a mug for something warm.

(Photo Brian Townsend)

(Photo: Brian Townsend)

Kidstuff Children 6 to 12 years old explore the outdoors with games, drama and art. Carrying the message "play gently in the national park so that it will always be here to enjoy," these events last one hour. Check the bulletin board for details.

Interpreter's Special Drop in for five minutes or longer and sample the day's special offering of Fundy's natural or cultural heritage. Check the schedule posted on the bulletin boards for details on time and location.

Special Events Woodland walks. Star-gazing. Bird-watching. Watch the bulletin boards for special events throughout the summer. Participation may be limited for some activities. If so, you can pick up free advance tickets at the Visitor Centre.

Special Requests If you are bringing an organized group to the park and would like a Park Interpreter for a guided event or talk, contact the Personal Program Co-ordinator at least one week in advance. Orientation talks for bus tours are available at the information centres. These services are available year-round. Call (506) 887-2000.

Winter at Fundy

Fundy doesn't hibernate when the snow falls. It's a lively place with plenty to do: tobogganing, snowshoeing, winter camping, wildlife watching and, most popular of all, cross-country skiing - highlighted by the Fundy Loppet in February. The loppet is a mass-participation cross-country ski event sponsored by the Chignecto Ski Club. It's great fun for the whole family and for skiers of all abilities; there are choices of 5, 10, 20, and 30 km courses. Fifty kilometres of trails, including gentle slopes and challenging downhill runs, are groomed throughout Fundy's snow season.

To get you started on your winter adventure, consult the park's Winter Guide publication and check the information signs at the Visitor Centre for skiing condition updates and other news. During your summer or fall visit, ask at the Visitor Centre for a copy of the Winter Guide. Also, you can phone or write for information at any time of year.

Exploring Fundy's Trails

Fundy National Park's 104 km of walking trails are a source of great enjoyment for our visitors. Each year, improvements are made to the trails as part of a long-term development plan, and in response to comments we receive from you.

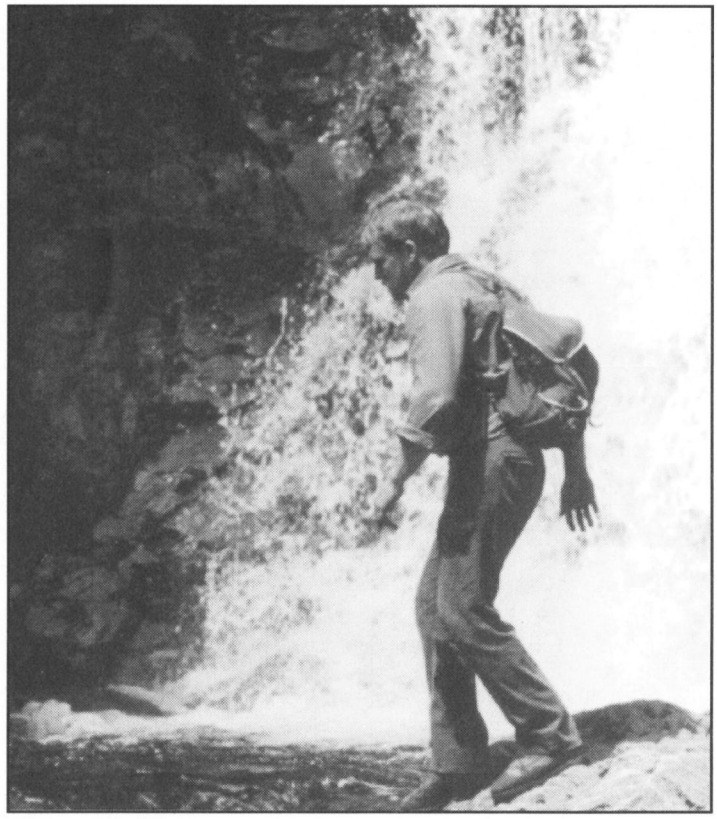
Dennis Dixon's crew have the difficult assignment of keeping park trails at their best, year round. During the fall of '92 and the spring of '93 they made a few changes to the trail system: **Matthew's Head** trail is now a loop, providing a spectacular descent to the bay and a view of the distinctive rock formations of Squaw's Cap along a portion of the Coastal trail. A new section of the trail then leads hikers back through a regenerating forest which was once an experimental potato farm. **Foster Brook** trail in the Point Wolfe River valley combines with the Marven Lake Trail to become part of a new loop, extending northward along the east side of the river to where the Rattail trail used to cross the river. The little-used Rattail trail has been closed, and major improvements on the **Coppermine** trail have alleviated problems caused by erosion.

Ready, Set, Go!

Advance planning will ensure that you enjoy a safe hike. A sweater and windbreaker are good insurance against Fundy's variable weather. Footwear with good traction and support, such as running shoes or lightweight boots, is recommended. Avoid heavy lug-soled boots: they tear up the park's shallow soils. A waterproof topographic map with trail profiles can be bought at the information centres. Vehicle parking is available at all trailheads.

The Fundy Circuit

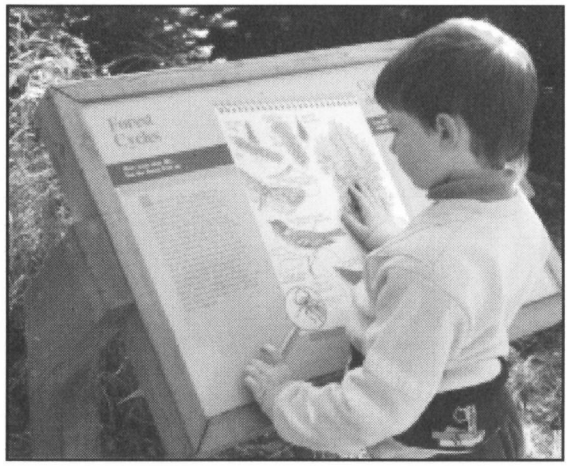
By following 50 km of linked hiking trails, you can complete the Fundy Circuit (see map). This 3 - 5 day excursion will take you through river valleys, past lakes and waterfalls, along the coast and through hardwood and mixed forests. Along the way are three wilderness campsites and two campgrounds. The route links seven trails: Coastal, Marven Lake, Bennett Brook, Tracey Lake, Laverty Falls and Upper Salmon River. It's best to hike the Fundy Circuit as listed above.



Several trails lead to spectacular waterfalls (Photo: Michael Burzynski)

The Fundy Challenge

Accept the challenge to hike 100 km in Canada's national parks! The Fundy Challenge imposes no time limit for reaching this goal, so day-hikers can participate as easily as avid backpackers. Only 10 km must be walked in Fundy; the rest can be completed in any national park. Record each hike in your official hiking log (available from the park), and have it initialed by a park employee. Participation is free, but you will have to pay $6 for the pin you receive once you've reached your goal. This fee covers mailing costs plus the "tags" you can add to your pin as you complete each additional 100 km.



(Photo: Brian Townsend) *Caribou Plain trail*

Self-Guiding Trails

Caribou Plain: (3.4 km loop) Learn about the different habitats of the Acadian forest.

Kinnie Brook: (1.4 km one way) Explore the depths of a rocky river valley.

Dickson Falls: (1.5 km loop) A glimpse of how water has carved the Caledonia Highlands.

Devil's Half Acre: (1.1 km loop) A reminder that Fundy's seaside geology is livelier than you might expect!

Shiphaven: (.5 km, one way) A look back to the time of the lumberjacks at Point Wolfe.

TRAIL DESCRIPTIONS

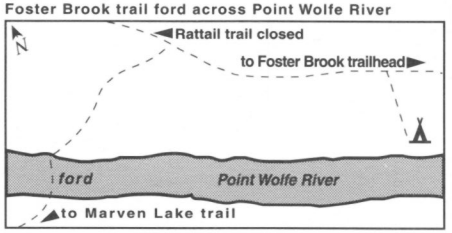
Note. We recommend the more complete trail information to be found in the "Fundy National Park Trail Guide" or "A Hiking Guide to New Brunswick." Both are available for sale at the Visitor Centre and the Wolfe Lake Information Centre.

⛺ **= BACKCOUNTRY CAMPSITES.**

Park trails are grouped into three categories: easy, moderate, and difficult. Easy trails do not have any major hills. Moderate trails require climbing occasional hills. Difficult trails include extreme grades, rough terrain, and/or river fords. Please note that the time suggested for each trail is the average hiking time and includes only brief stops.

TRAIL NAME	EASE	LENGTH	TIME	HIGHLIGHTS
COASTAL				
Herring Cove Beach	moderate	0.5 km loop	20 min.	**Access to beach** and tidal cave, return via stairs (on south side of cove) and old road, lookoff to left via Coastal trail.
Shiphaven	easy	0.5 km (one way)	15 min.	**Trail offers magnificent view** of the Point Wolfe River estuary.
Point Wolfe Beach	moderate	0.3 km (one way)	10 min.	**Access to beach** via boardwalk and stairs through tall red spruce forest.
Devil's Half Acre	easy	1.1km loop	30 min.	**Split rocks and mossy gullies** attributed to a quarrel with the devil.
Matthews Head	moderate	4.5 km loop	1-1½ hr .	**Old wagon road through** balsam fir forest and fern glades, former homestead with rock foundations, grassy meadows and breathtaking panoramas of bay, including Squaws Cap sea stack. Supervise children at clifftop overlooking bay.
Coppermine	moderate	4.4 km loop	2-2½ hr.	**Small footbridges over mossy brooks**, cool shaded forest, old mine site, splendid view of Fundy Coast, good for bird-watching.
Coastal	difficult	3.2 km pool area to Herring Cove 6.9 km Herring Cove to Point Wolfe	1½-2 hr 2-2½ hr	**Sea cliffs and vistas** of the bay, ridge-top view of rolling hills, Matthews Head, Squaws Cap sea stack, fern glades, and lush coastal forest.
Goose River ⛺	moderate	7.9 km (one way)	2-2½ hr.	**Old cart track** with roadside wildflowers, view of Martins Head, wide sand bar at Goose River sheltering a small salt marsh, rugged cliffs at river mouth.
WATERFALLS				
Dickson Falls	easy/moderate	1.5 km loop	30 min	**Boardwalk through cool valley,** tumbling cascades, waterfall.
Third Vault Falls	difficult	3.7 km (one way)	1-1½ hr.	**Park's tallest waterfall** (16 m) in deep valley, invigorating pool at its base, mist-bathed rock amphitheatre, steep climb back to trailhead.
Laverty Falls	moderate	2.5 km to the brook (another 2.6 km to Shepody Rd.)	1-1½ hr 1-1½ hr	**Curtain waterfall**, hardwood forest on the slope mixing with conifers near the brook and out to Shepody Road, gradual slope to the brook.
RIVER VALLEYS				
Kinnie Brook	moderate	1.4 km (one way)	¾ hr.	**Steep-walled valley**, disappearing stream, lush vegetation on floodplain.
Foster Brook ⛺	difficult	3.0 km (to ford on river- one way) 1.4 km (river to Marven L. trail- one way)	2.5- 3 hr.	**Trail through shaded forest,** Atlantic salmon restored to Point Wolfe River, wide cobble bar and floodplain, ford and steep climb to Marven Lake trail through old growth red spruce. Wilderness camping.

Foster Brook trail ford across Point Wolfe River

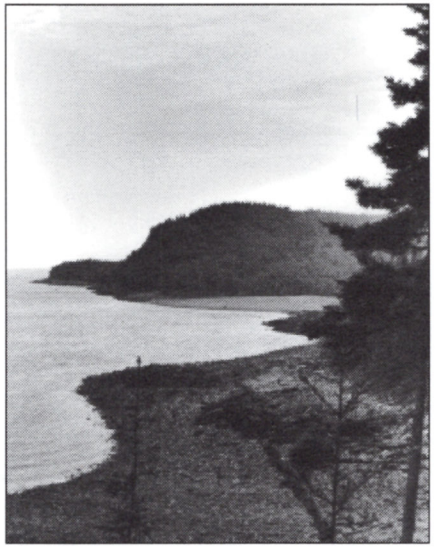


Nature and history await hikers of all ages and abilities on the trails of Fundy National Park.

The trail descriptions and map can be removed from Salt & Fir to serve as a general hiking guide. More detailed trail information is available in the "Fundy National Park Trail Guide" or in "A Hiking Guide to New Brunswick".

Photo: Brian Townsend

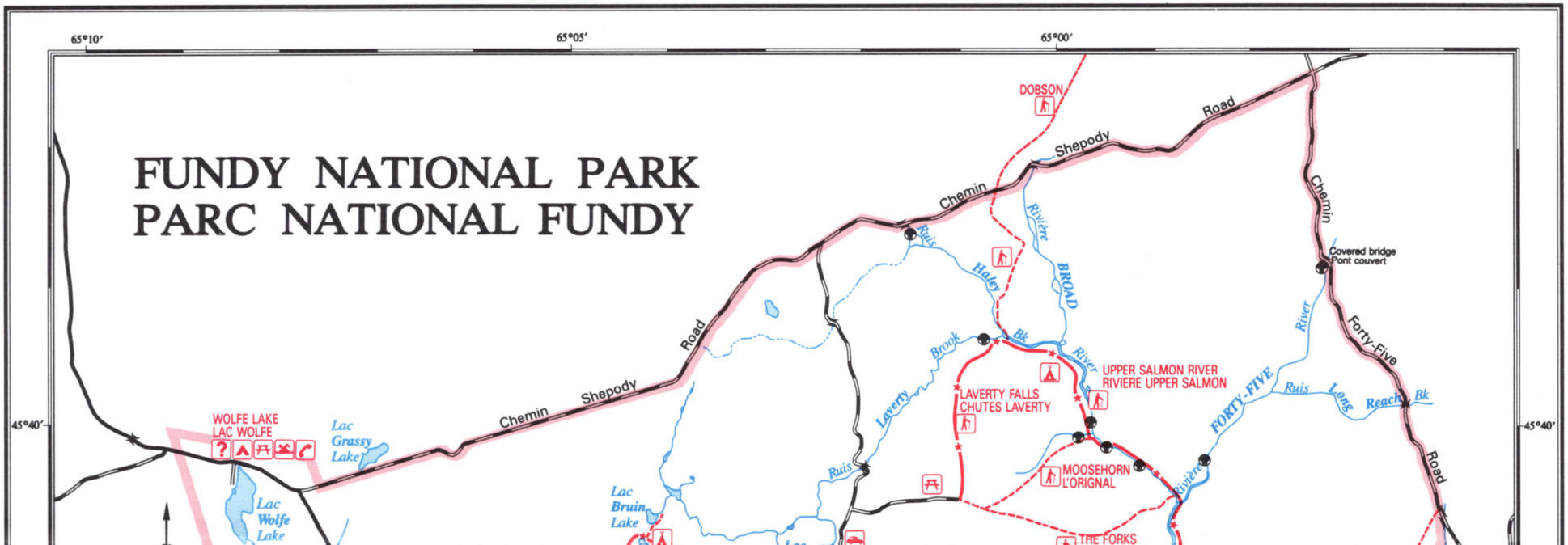
Coppermine trail

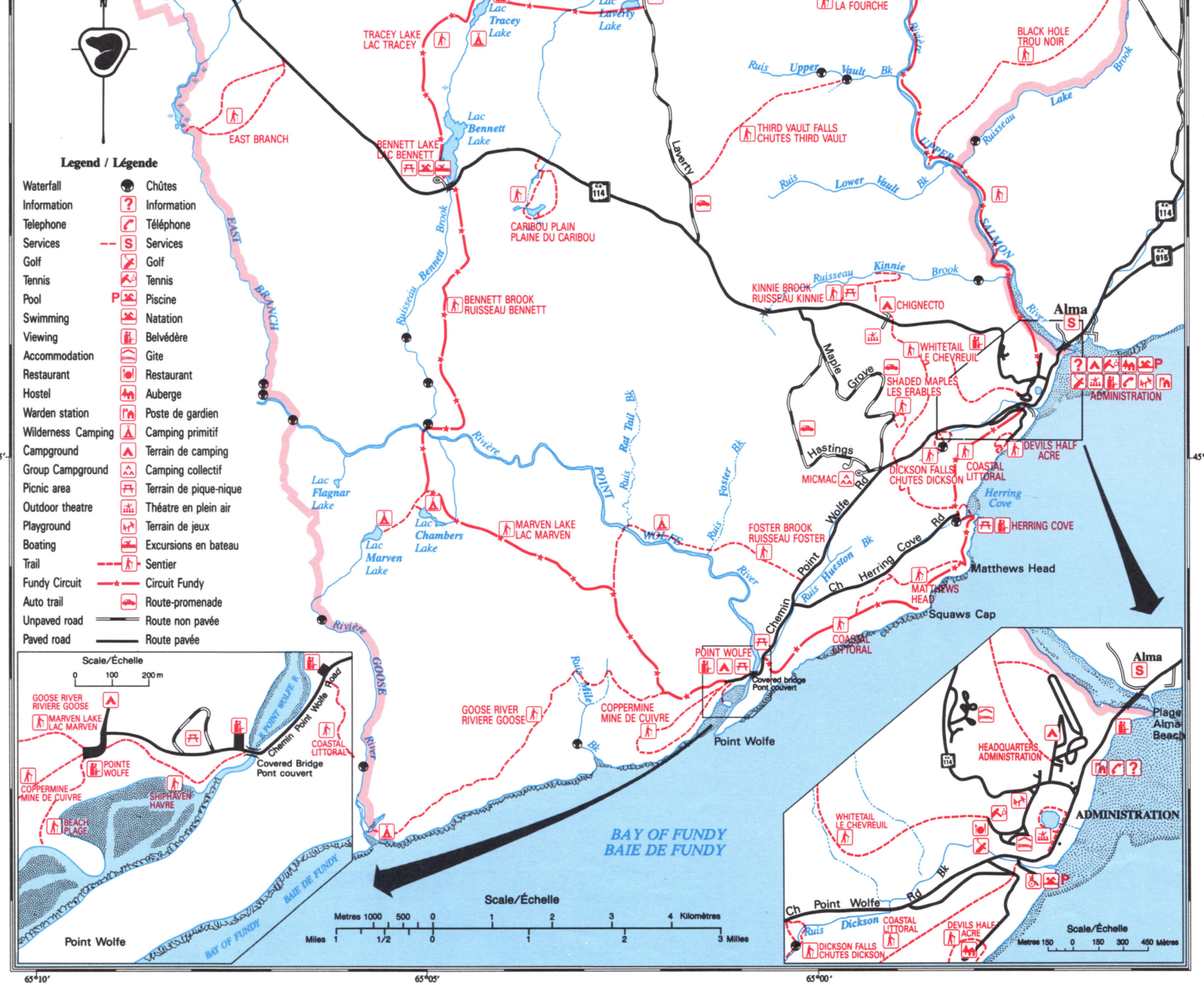


View from Devil's Half Acre

Photo: Brian Townsend

Tracey Lake trail




Legend / Légende
Waterfall
Information
Telephone
Services
Golf
Tennis
Pool
Swimming
Viewing
Accommodation
Restaurant
Hostel
Warden station
Wilderness Camping
Campground
Group Campground
Picnic area
Outdoor theatre
Playground
Boating
Trail
Fundy Circuit
Auto trail
Unpaved road
Paved road
Chûtes
Information
Téléphone
Services
Golf
Tennis
Piscine
Natation
Belvédère
Gite
Restaurant
Auberge
Poste de gardien
Camping primitif
Terrain de camping
Camping collectif
Terrain de pique-nique
Théatre en plein air
Terrain de jeux
Excursions en bateau
Sentier
Circuit Fundy
Route-promenade
Route non pavée
Route pavée
TRACEY LAKE
LAC TRACEY
Lac Tracey Lake
Lac Laverty Lake
LA FOURCHE
BLACK HOLE
TROU NOIR
Ruis Upper Vault Bk
Ruisseau Lake Brook
EAST BRANCH
BENNETT LAKE
LAC BENNETT
Lac Bennett Lake
THIRD VAULT FALLS
CHUTES THIRD VAULT
Laverty
Ruis Lower Vault Bk
UPPER SALMON River
CARIBOU PLAIN
PLAINE DU CARIBOU
EAST BRANCH
Ruisseau Bennett Brook
BENNETT BROOK
RUISSEAU BENNETT
KINNIE BROOK
RUISSEAU KINNIE
Ruisseau Kinnie Brook
CHIGNECTO
Alma
WHITETAIL
LE CHEVREUIL
Maple Grove
SHADED MAPLES
LES ERABLES
ADMINISTRATION
Hastings
MICMAC Rd
DICKSON FALLS
CHUTES DICKSON
COASTAL LITTORAL
DEVILS HALF ACRE
Herring Cove
HERRING COVE
Lac Flagnar Lake
Rivière POINT WOLFE River
Ruis Red Tail Bk
Ruis Foster Bk
Lac Chambers Lake
MARVEN LAKE
LAC MARVEN
FOSTER BROOK
RUISSEAU FOSTER
Wolfe Point Rd
Herring Cove Rd
Ruis Hueston Bk
Lac Marven Lake
Matthews Head
MATTHEWS HEAD
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Squaws Cap
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POINT WOLFE
Covered bridge
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DICKSON FALLS
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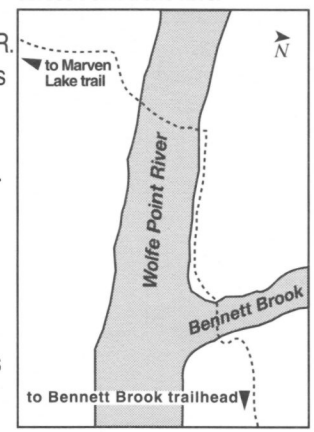
Upper Salmon River	easy	2.6 km Laverty to Moosehorn	1 hr.	**Alder-lined floodplain, steep valley**, old logging dams, rapids, waterfalls, water-worn potholes, salmon pools; difficult section with rock-scrambling between Moosehorn and the Forks. (If hiking the loop, easier to go down Moosehorn or the Forks and up Laverty.)
	very difficult	1.8 km Moosehorn to Forks (2 fords)	1 hr.	
	difficult	4.1 km Forks to Black Hole (2 fords)	1½-2 hr.	
	difficult	4.7 km Black Hole to HQ (1 ford)	2 hr.	
Moosehorn	moderate to river difficult return	2.2 km (one way)	1-1½ hr.	**Named after a logger's portage**, steep descent to the river, smooth riverbank rocks, potholes. Moosehorn and Forks trails connect (seeUpper Salmon River).
The Forks	moderate to river difficult return	3.4 km (one way)	1½-2 hr.	**Confluence of the Broad River**, with its deep pools and scoured banks, and the Forty-Five River, with its beckoning canyon and Matchfactory gorge upstream.
Black Hole	easy to river moderate return	5.5 km (one way)	2 hr.	**Old road overarched by hardwoods**; at the river, Atlantic salmon rest in the Black Hole in the fall before moving upstream to spawn.
Bennett Brook	easy	6 km to the river	1½-2 hr.	**Trail along upper edge of brook valley**, spectacular view from bluff 150 m above the river, lower part of brook has falls and rapids, first ford onBennett Brook and 2nd ford on Pt. Wolfe R. 50 m upstream, rocky climb to Marven Lake trail with glimpses of the river valleys far below.
	difficult (2 fords)	1.7 km from river to Marven Lake trail	1 hr.	

Bennett Brook trail ford across Point Wolfe River



FOREST LIFE

Shaded Maples	easy	0.5 km loop	15-30 min.	**Young hardwood forest**, quartz outcrops, small springs, large variety of ferns carpeting the forest floor, colourful in fall.
Caribou Plain	easy	3.4 km loop	1-1½ hr.	**Raised peat bog**, boardwalk through evergreen and hardwood forest, good birdwatching.
East Branch	easy	5.6 km loop	2-2½ hr.	**Giant birch and spruce** reminiscent of the original forest, relics of the lumbering era: log yard, logging dam, and hauling road to the river.
Whitetail	moderate	2.6km Admin. to Chignecto junction	1¼ hr.	**Prime area for seeing deer**, beaver colony, panorama of Maple Grove from ridge south of Point Wolfe Road, views of the bay from Coastal trail.
	moderate	2.6 km Chignecto junction to Point Wolfe Road	1¼ hr.	
	difficult	1.9 km Point Wolfe Road to Herring Cove	1 hr.	
	moderate	3.2 km section of Coastal trail to complete 10.3 km loop	1½ hr.	
	easy	0.8 km Chignecto campground to Chignecto junction	½ hr.	

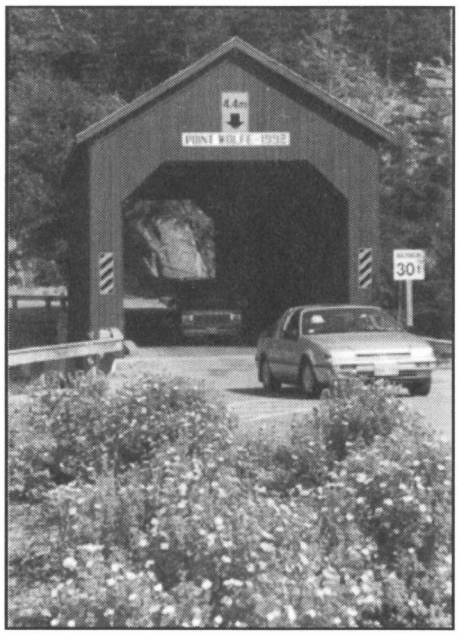
LAKES

Tracey Lake	easy	4.1 km Bennett to Tracey Lake	1½ hr.	Links four small lakes, home to moose, black spruce, and pitcher plants. Trail between Laverty Lake and Tracey Lake may have wet areas.
	easy	2.8 km Tracey to Laverty Lake	1 hr.	
Marven Lake	moderate	8 km (one way)	2-2½ hr.	Leads to Marven and Chambers lakes, wilderness lakes, shallow and dark with acids from their boggy edges, home to brook trout, bullfrogs, moose, and beaver. (See Bennett Brook trail for connector.)

Touring Fundy

The Tidal Coast

This is a one hour tour, following the coast. Stop first at the Alma beach parking area. From the lookoff platform, check out the "tide pole" which graphically illustrates the bay's giant tides. Next, turn off Hwy 114 onto the Point Wolfe road and follow it to the Herring Cove turnoff. At Herring Cove, an exhibit on the observation deck explains the bay's geology and the plants and animals inhabiting the intertidal zone. Back at the Point Wolfe road intersection, turn left. Drive through the covered bridge—there's an historical exhibit on the west bank of the river. Now drive up the hill, turn left and take a short walk to the spectacular view of a tidal estuary. An exhibit on the park's peregrine falcon re-introduction program highlights the return of this rare species to the Fundy coast.



(Photo: Brian Townsend)

Scenic Byways

Only have a couple of hours? Take the backroads of Fundy for some scenic drives, particularly in the fall. Turn onto the Hastings road from Hwy 114 and enjoy a quiet and close-up view of Fundy's forests on your way down to the Point Wolfe road. Turn right and drive out to the covered bridge and stop for a look at the exhibit. Return to the turnoff for the Hastings and Maple Grove roads and take the Maple Grove road back up to Hwy 114. Continue down the highway to the panoramic bay overlook. Sorry, no RV's or trailers on the sometimes rough Hastings and Maple Grove roads!

Fundy On Foot

A day of easy hikes and fascinating explorations. Check the interpretive schedule for the time and place of the day's beach walk, an hour-and-a-half stroll on the bottom of the sea with a Park Interpreter. Follow that up with a half-hour walk into beautiful Dickson Falls, off the Point Wolfe road. Your last hike of the day will be to the Caribou Plain bog, off Hwy 114 just east of Bennett Lake. Don't forget to record these walks as part of your effort to meet the 100-kilometre Fundy Challenge. Reward yourself with a treat back in Alma village when you're finished.

Got A Day?

Join the day's beach walk (morning or afternoon, depending on the tides). Drive through the Point Wolfe covered bridge and then find out more about its history at the nearby exhibit. A walk to beautiful Dickson Falls, off the Point Wolfe road, will offer a cool respite on a hot day (only a half-hour return hike). Plan a picnic lunch at Bennett Lake off Hwy 114. Back at the Headquarters recreational area, play a round of golf, a set of tennis or a game of lawnbowling (equipment may be rented at the Pro Shop).

A Two-Day Stay?

For the first day select one of the options above and add in one of the park's interpretive evening programs at the outdoor theatre (they start near dusk—check the interpretive schedule for time and topic). In the morning of the second day, hike to Matthews Head, a 4.5-km loop hike, or on the 4.4-km Coppermine trail (also a loop). Both are of moderate difficulty but reward the hiker with expansive views of the bay. Refresh yourself with a swim in the heated saltwater swimming pool in the afternoon.

News about the Views

As you explore Fundy National Park's roads and trails, you will come across many viewpoints. Parking and interpretive panels are available at some of these; in this way we hope you will gain an understanding of the natural and cultural heritage that Fundy holds in trust for all Canadians.

At **Alma Beach** there is a boardwalk, viewing platform, telescope and panels to introduce you to Fundy's tides.

In the **Administration area,** cartoon style signs tell the story of melting glaciers molding the land we walk on today.

At **Herring Cove,** an exhibit with a telescope focusses on Fundy's tides, on the geological origin of the bay, and on the plant and animal life of the intertidal zone.

On the banks of the **Point Wolfe River:** at Hueston Brook picnic area a panel takes us back to the timber empire that held sway here in the 19th century; across the river is an exhibit on Fundy's famous covered bridges and an interpretive panel on the log drives which were once an annual event here; the story of the Atlantic salmon's struggle for survival is told on panels at the site of the old mill dam adjacent to the lower end of the Shiphaven trail.

The lookoff on **Point Wolfe Beach** trail has a telescope and interpretive panels telling the story of the return of Fundy's peregrine falcons.

On the **Shiphaven** trail, two viewpoints overlooking the Point Wolfe estuary have panels illustrating the milling, lumber transportation, and shipbuilding activities that took place here in the 1800s.

On Hwy 114 about one km west of the Visitor Centre, the **Butland lookoff** panels capture the character of Fundy's climate and reveal the truth about the saying "foggy on the Fundy coast."

Exploring Albert County

Outside the park, the rolling hills and sculptured coastline of Albert County offer scenic drives and pleasant rambles.
Side roads lead to covered bridges, hidden beaches, wildlife-watching, and peeks into the past. Here are some suggestions.

Along Hwy 915

The 32 km route from Alma to Riverside-Albert on the old coastal road provides many scenic vistas.

Dennis and Waterside beaches provide miles of sand, swimmable waters, and great updrafts for kite flying. Red Head is a tall sea stack that divides Waterside beach from Dennis beach; great for artists and photographers. The saltmarsh at Waterside is excellent for bird-watching.

Cape Enrage is the headland (complete with lighthouse) which is visible from the beaches of Fundy National Park. The surf-pounded beach is strewn with drift- wood and wave-washed cobblestones.

Shepody Bay Western Hemisphere Shorebird Reserve, including Marys Point, has immense flocks of migrating shorebirds in late July and August. Look for the blue sign and direction arrow at the junction of Hwy 915 ad Marys Point Road, and at the parking area. A short trail leads to the interpretation centre and the beach.

Harvey Tidal Dam, on the Shepody River, is visible from the Marys Point Road. Like the Acadian dikes of old, the dam lets fresh water out but prevents salt water from flooding the pastures and haylands that were once saltmarsh. Watch for great blue herons and cormorants along the river.

Along Hwy 114

The 23 km from Alma to Riverside-Albert is the inland route that follows, in part, the former Albert Southern railway line.

Germantown marsh,part of the Shepody National Wildlife Area, is the site of waterfowl habitat improvement projects and a 7-km woodland hiking trail bordering the south side of the marsh.

The Old Bank of New Brunswick at Riverside-Albert houses a museum and a small café. The old lighthouse on the property serves as a crafts sales oulet.

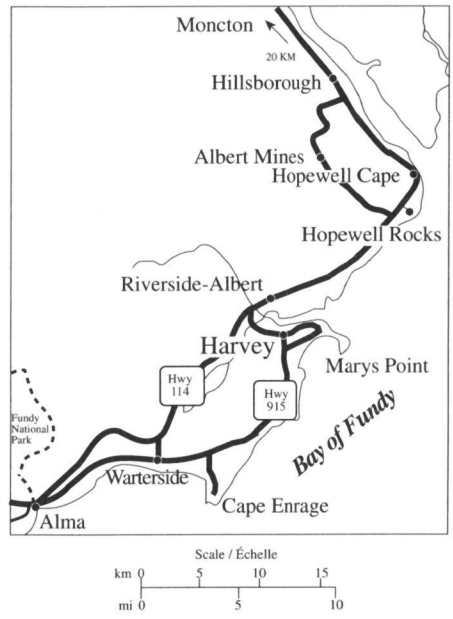
Hopewell Cape

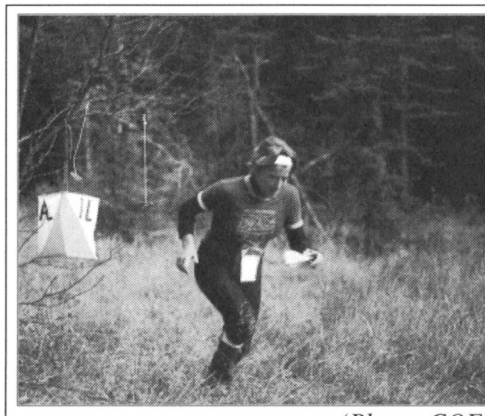
This village, 40 km east of Alma, is the former shiretown (county seat) of Albert County.

Abandoned quarries on Albert Mines Road were a source of gypsum, used in plaster of Paris and in drywall panelling.

The Museum-in-a-Gaol and the old Albert County Courthouse, at Hopewell Cape, are operated by the Albert County Historical Society, and are worth a visit at any time.

The Rocks Provincial Park is the home of the tall sea stacks known as "the flowerpots." The pillars, caves, and arches are the work of the giant tides. The best time to explore is close to low tide, particularly in the morning.





(Photo: COF)

Orienteering Championships

Orienteering, the sport which combines physical and mental skills with fun in the outdoors, is coming to Fundy National Park in a big way in 1993. On August 28 and 29, the park is hosting the Canadian Orienteering Championships, an event which will draw competitors from across North America.

Orienteering challenges you to translate what you read on a map to what you see on the ground. Its competitive aspect comes from being able to do that faster than anyone else in your category, whether you're a kid, adult or senior citizen. Recreational categories, however, encourage participation, not speed. It's definitely a family sport.

The adventure begins when you plan your own route between 10 to 15 checkpoints laid out over a mapped area. The goal is to mark your control card with a punch hanging at each checkpoint, and then proceed to the finish line. You can choose a level of difficulty that will let you gently introduce yourself to the sport and then increasingly challenge your abilities. At Fundy National Park, competitors will enjoy their sport in some of the most scenic surroundings in the Maritimes.

For more information on the sport of orienteering or the Canadian Orienteering Championships, please contact Orienteering New Brunswick at: Comp. 2, Carriage Hill Drive, RR #6, Fredericton, N. B. E3B 4X7.

A GARBAGE-FREE VACATION

Park Publications. Recycle your brochures for use by other visitors by placing them in the reuse bins at campground exits or park information centres.

Recyclable Materials. Clear glass, coloured glass, aluminum cans, household plastic containers and plastic bags are all accepted at the recycling depots throughout the park.

Aluminum cans need no preparation before disposal. Wash out your glass containers and remove any metal such as caps (no need to remove the labels!). Rinse out all plastic containers—the whole load of plastic cannot be recycled if it includes unwashed items.

Composting. If you are camping near one of our composting pilot projects, you are encouraged to deposit your food wastes in the composter. **Do not deposit meat, fat, bones or shells.**

When picnicking...

Be sure to separate your waste into the recycling bins and garbage cans.
When recycling, remove metal or plastic tops from glass bottles before dropping them into the bins.

Green Tips

Zero-Impact Camping

Leaving no trace of your stay - that's the goal of zero-impact camping. By doing so, the next campers will be able to enjoy the same sense of wilderness solitude that made your backcountry camping in Fundy such a special experience.

The **Broad River** backcountry campsites are Fundy's first designated zero-impact sites. They're reached by hiking the Upper Salmon River trail or, for a shorter route, hiking the Laverty Falls or Moosehorn routes to the Upper Salmon River trail. The two campsites are marked with numbered stakes. At the sites, your goal is not to consume any of the resources of the area, so the burning of wood for cooking or heat is out. That's why you'll need to bring along a backpacking stove.

There are other backcountry campsites scattered along the park's trail system, on the Goose River, Tracey Lake, Marven Lake and Foster Brook trails. At these sites, campfires are permitted, but in the existing fireplaces only. Firewood is provided. Remember the "pack-in, pack-out" motto of backcountry users: be sure that whatever you take into the wilderness, you bring back out again. If you see litter left along the trails by less careful hikers, pack it out too! Try to make all your backcountry adventures zero-impact.

Backcountry camping is free, but you must register ahead of time at the Visitor Centre, at the Wolfe Lake information centre, at a campground kiosk, or by telephoning (506) 887-2000. Be sure to report your return by handing in your backcountry permit - that way we know you're safely back.

You can recycle your beverage bottles and newspapers at Maples Canteen on Hwy 114 at Riverside-Albert. They are the local Registered Redemption Centre for the New Brunswick Beverage Containers Act.

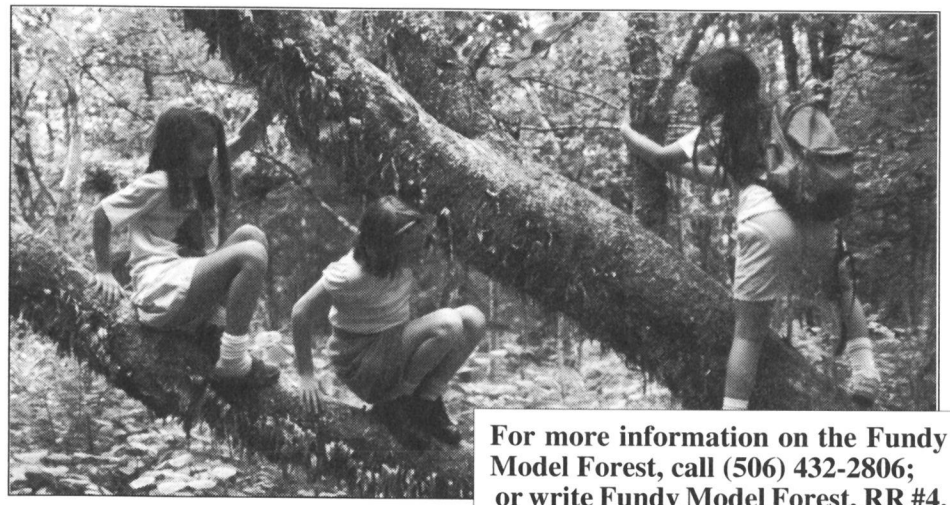
There are recycling depots throughout the park. *Photo: Brian Townsend*

A Bold New Venture

The **Fundy Model Forest** (FMF) is an experiment in working together to maintain the health of the environment and the economy. Over the next five years, the FMF project will demonstrate to the public and to resource managers how forest land can be managed according to the principle of sustainable development— how we can use the Earth's resources to sustain human society while ensuring that those resources continue to survive and flourish for the well-being of the planet as a whole.

Fundy National Park's role in the FMF project is to provide a "benchmark" area against which the impacts of adjacent land management practices can be measured. A major component of the scientific research proposed for the FMF is associated with the Greater Fundy Ecosystem (GFE) project, a partnership in which the Canadian Parks Service is the co-ordinating agency and Fundy National Park is the primary area of interest.

Model Forests are not forests in the traditional sense of the word, but a mixture of land uses such as forestry, agriculture, recreation, education, tourism, parks, wildlife reserves, towns and transportation corridors. The Fundy Model Forest involves a number of partners—woodlot owner associations, fish and game clubs, universities, the government of New Brunswick, the J. D. Irving corporation and, of course, Fundy National Park. The Fundy Model Forest's 420,000 hectares are centred between Saint John and Moncton, New Brunswick's two largest cities, making its resources easily available, especially for recreation, to over half the province's population. The project is co-ordinated from an office in Sussex and is funded as part of the "Partners in Sustainable Development" initiative.



For more information on the Fundy Model Forest, call (506) 432-2806; or write Fundy Model Forest, RR #4, Aiton Rd., Sussex, N. B. E0E 1P0.

Salmon Struggle To Survive

Atlantic salmon populations in the park's rivers have declined throughout the 1980s and now there is a possibility that they may vanish altogether. With clear water and gravel-bottomed pools, park rivers appear to have ideal spawning habitat for salmon—but the pools remain empty. Unfortunately, the problem is not an isolated one: it mirrors the situation throughout the entire upper Bay of Fundy.

The history of the salmon fishery in this area opens 200 years ago when harvesting of the riches of forest and ocean began in earnest in colonial New Brunswick. By 1850, the effects were apparent. In that year, a government report stated that at Point Wolfe "a substantial and lofty mill dam prevents all fish from ascending...." The report also noted that the mill owner had not constructed a fishway to bypass his dam and made the prophetic comment, "The supply of logs decreases annually, and after a short time will cease altogether; but if the salmon are preserved, they will prove a source of wealth long after the saw mills are worn out and useless." A lumber mill continued to operate at Point Wolfe until 1920, and the dam remained in place until 1985. Similar situations were repeated at the mouths of most coastal rivers in the Bay of Fundy. Suffocated by the sawdust which clogged their gills, or blocked from returning to their native rivers to spawn, salmon numbers spiraled downward.

In the early 1980s, Fundy National Park entered into a program to bring back the Atlantic salmon to its rivers. At Point Wolfe, 168,000 fingerlings were dropped into the river by helicopter from 1982 through to the 1985 removal of the old dam. Since then, salmon have returned to the river to spawn but their numbers are drastically below those forecast. The stock of salmon used in this re-introduction program originated in the Big Salmon River, 35 km to the west of Point Wolfe. Could it be that the genetic programming of these fish is drawing them back to that stream?

Canada's commercial fishery of Atlantic salmon is confined to aquaculture—salmon farms which represent a rapidly expanding enterprise around the Bay of Fundy. The success of salmon farming is an ironic counterpoint to the continuing decline of the wild salmon populations.

The decline of salmon in the Bay of Fundy may be the result of unique situations in each of their spawning rivers coming together at one time, or there may be one major adverse element in the marine environment. It is quite possible that the destruction of spawning habitat by lumbering activities in the 1800s and the commerical fishery on the high seas in this century have combined with such factors as acid precipitation to bring salmon populations beyond the recovery point. Researchers continue to probe the cause (or causes), but have our conservation efforts come too late? One thing is certain: a problem which began almost 200 years ago still challenges us today.

Welcome, Partners!

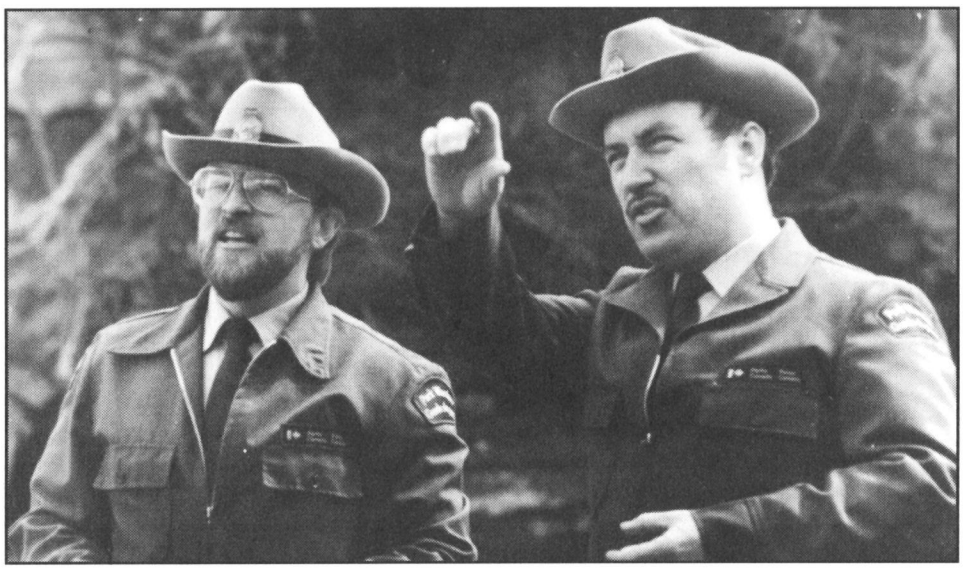
The most important job of the Canadian Parks Service is to manage the national parks across the country in such a way that the natural communities of plants, animals, soil and water within them are sustained as healthy ecosystems. But these communities extend beyond the boundaries we have drawn, and the small size of some parks, such as Fundy, means that these resources cannot be managed without the help of those who live and work on neighbouring lands. With this in mind, the **Greater Fundy Ecosystem** partnership was conceived in 1991 to bring together the people and organizations best able to contribute to the successful management of this area's natural resources.

Fundy National Park was created in 1948, encompassing 206 sq km of farmland and cut-over forest, and 13 km of Bay of Fundy shoreline. Little consideration was given at the time to topography or natural communities. Since then, Fundy's habitats have been allowed to change according to the natural process of forest regeneration. However, the land that surrounds Fundy has been intensively managed for the commercial harvest of softwood trees for the pulp and paper industry. Fundy has become an island of ecological diversity in a sea of spruce and pine plantations.

This larger area, now described as the Greater Fundy Ecosystem (GFE), encompasses about 1050 sq km with the park at its core. The watersheds of the two rivers running through the park, the Upper Salmon and the Point Wolfe, are included, as are small pockets of farmland and large tracts of commercially managed forest. To study this area and develop strategies to maintain native animal and plant species is a challenging task, especially when it must be counterbalanced with an additional goal: to ensure the sustainable use of the resources that we use in our day-to-day lives.

The partnership accepting this challenge is varied: Fundy National Park, the Canadian Parks Service Headquarters and Atlantic Region offices, the University of New Brunswick, Dalhousie University, Irving Forest Products and the New Brunswick Department of Natural Resources and Energy. The Parks Service is providing funding for establishing an office and project coordinator at the University of New Brunswick (UNB) campus in Fredericton.

The GFE project has motivated UNB and Dalhousie University to use Fundy National Park and its environs for environmental research. Within a few years' time, it is hoped that the GFE partnership will have sufficient data from their research to define the threats to the ecosystem, develop an integrated management plan involving the adjacent land holders and identify areas requiring further study.



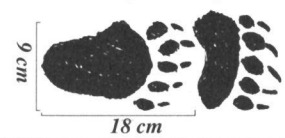
Audrey Martin

Bear with Us

Over the next two years, the park's natural resource management team will be studying one of Fundy's most reclusive animals, the black bear. Fundy National Park's bear management plan indicated the need for research in order to get a clearer understanding of this species.

At present, we know very little about Fundy's bears; they have never been a problem at park campgrounds and are seldom seen, even by park staff. Like all research under the Greater Fundy Ecosystem (GFE) project, the study will extend beyond park boundaries. It will answer questions about the size of the bears' home range and seasonal movements, what they eat and where they den. Also to be determined is the potential for interactions between people and bears.

As part of the study, several bears will be tranquilized, fitted with collars containing small radio transmitters and released. Their movements will then be followed using radio telemetry equipment, which can monitor a range of at least 100 sq km. The presence of bears is an excellent indication of the health of the wilderness. For this reason, the black bear is known as an "indicator species." The information gleaned from this study will benefit the management of bears both within Fundy National Park and outside where they are the responsibility of the New Brunswick Department of Natural Resources. Our collective goal is to ensure that black bears remain an integral part of the Greater Fundy Ecosystem.



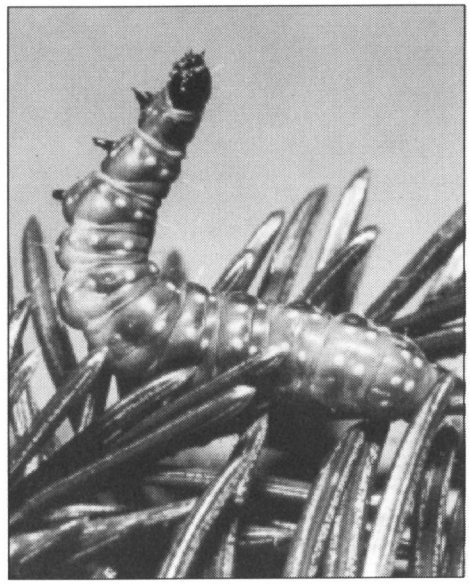
Birds and Budworms

In 1992, Fundy National Park was the focus of a breeding bird survey. This research effort was aimed at revealing the changes in the park's bird populations in the last 13 years and at providing clues as to how our actions in and outside of the park have affected them.

David Christie, the chief researcher involved in the park's 1979 breeding bird survey, undertook the new survey. The counts revealed that the biggest changes were among the colorful forest birds known as warblers. In 1979, 21 species of warblers accounted for three-quarters of the estimated 110,000 pairs of birds breeding in the park. The insect-eating warblers were benefiting from a population explosion of the spruce budworm, a small moth whose larvae feed on the needles of fir and spruce.

In Fundy National Park the spruce budworm outbreak lasted from 1968 until 1982. Breeding populations of songbirds can double during such an outbreak, but often are followed by an equally spectacular population crash — one of the northern forest's many natural cycles. By 1992, 16 of 21 warbler species had decreased significantly, particularly those known collectively as the "budworm warblers."

As we enter the 1990s there is particular concern for the migrant songbirds whose winter homes are the tropical forests of South America, Central America and the islands of the Caribbean. Fundy's 1992 survey presents a striking comparison of two closely related species which summer here: the hermit thrush and the Swainson's thrush. The hermit thrush showed a 44% increase between the two surveys, the Swainson's thrush a 48% decline! The difference: the hermit thrush winters from Mexico northward to the southern States, but the Swainson's thrush winters in South and Central America. The Swainson's thrush may be suffering from the impact of forest clearing in its winter home in countries which have lost more than 50% of their forests in the last 30 years.



The 1992 breeding bird survey brought good news too! A dense and rapidly growing young forest has covered most of the scars of the spruce budworm outbreak, providing excellent shelter and nesting habitat. Weakened by budworm defoliation, the spruce and fir trees produced almost no seeds from 1975 to 1988; the survivors now produce huge quantities of cones. These changes are mirrored in the thriving populations of bird species which both nest and winter in the park: black-capped chickadees increased to 20 times their 1979 numbers, while red-breasted nuthatches increased to 12.5 times and golden-crowned kinglets to 3 times.

A spring breeding bird survey will continue annually, to allow us to monitor species which may require special measures to ensure their survival. Starting in 1993, birdwatchers are being invited to participate in surveys of selected areas of the park. Contact Doug Clay, the Park Ecologist, if you are interested in participating.

Backcountry Basics

Each year there are more hikers in Fundy's backcountry. To make sure that your backcountry trip remains an enjoyable experience, there are some important things you can do to protect the wild side of Fundy and ensure your own safety.

- Backcountry use is a privilege. Permits are required for all overnight backpacking trips.
- Use common sense in the backcountry. Never hike alone.
- Pack out all your garbage, whether it's from a trip of a few hours or several days. Never throw garbage down the pit privies, and don't bury your garbage. It can easily be dug up by bears and raccoons.
- Wherever possible, use backpacking stoves for cooking. Never gather deadwood from the forest for fires. Use the grates provided. Do not construct fire circles. Firewood is available at primitive campsites except at Broad River, where zero-impact camping is the objective and only portable stoves are permitted.
- Stay on the trails. They have been constructed for your safety. Going off the trail can get you lost very quickly. It also damages plants and creates unsightly sidepaths.
- Enjoy wildlife at a distance. Park animals are wild: feeding wildlife may be hazardous to their health — and to yours! Store your food in such a way that odours do not attract animals to your campsite at night.
- Collecting specimens and souvenirs or defacing natural features and man-made facilities deprives other visitors of the opportunity to enjoy them.
- Respect the rights and privacy of others. Leave the park as you would want to find it on your next visit.

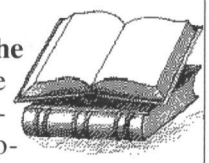
The Fundy Guild

Working together, the Fundy Guild's members and the staff of Fundy National Park have done much to make your stay more enjoyable and informed. The Fundy Guild is a registered non-profit association which co-operates with the park to promote and interpret its natural and cultural history. You probably know the Guild best from its services in the Visitor Centre at park Headquarters and at the information centre at Wolfe Lake, where it sells books, souvenirs and nature guides.

What you may not know about is the Fundy Guild's special behind-the-scenes help. If you have a child who takes part in the summer KIDSTUFF program, thank the Guild: it arranges funding to pay some of the student leaders. A Guild-funded newsletter details the park's wildlife research projects. The autumn Elderhostel program is also under its sponsorship. As well, the Guild has funded historical research and been the driving force behind many special events.

If you'd like to join the Guild, membership is just $2.14. Guild members are entitled to a 10% discount on all purchases at the Guild's sales outlets, and are invited to all Guild-sponsored activities. Ask for a membership application at one of the sales outlets.

Recommended Reading



Fundy, Bay of the Giant Tides - the bay and its life captured in photographs and texts ($6.95).

Moosebirds and Sandpeeps: Birds in and around Fundy National Park - the birds of the park and its environs, including a checklist ($3.95).

Beach Guide - the plants and animals of Fundy's intertidal zone ($3.95).

Forest Guide - plants of the Fundy forest ($3.95).

Fundy National Park Funbook - an activity book for kids ($2.75).

Fundy National Park Trail Guide - a waterproof topographic map with trail descriptions and profiles. New in 1993 for about $5.00.

Plus over 180 other titles, including Peterson and Golden nature guides.

Art in the Park

Peggy Woolsey, of Alma, holds art workshops for young people (6 - 16 years of age) at the **Chignecto South** shelter every Friday, 1:00 to 3:00 p.m., from July 9 to August 6. There is a participation fee of $5.00/person with a reduction for families with more than two children. **Register at the shelter at the start of each event.** Watch bulletin boards for adult workshops.

Canoe Clinics

Jean Proctor is teaching introductory canoeing lessons at the Bennett Lake boat rental concession every Tuesday and Thursday. 10:00 to 11:00 a.m., from July 6 to August 26. These are for adults and children 10 years of age and older. **No pre-registration;** but there is a $5.00/person fee. Clinics in more advanced canoe handling are available upon request. For information on these clinics, see the boat rental concessionaire at Bennett Lake or call Jean Proctor at (506) 433-4637.

Where to Look for Animals

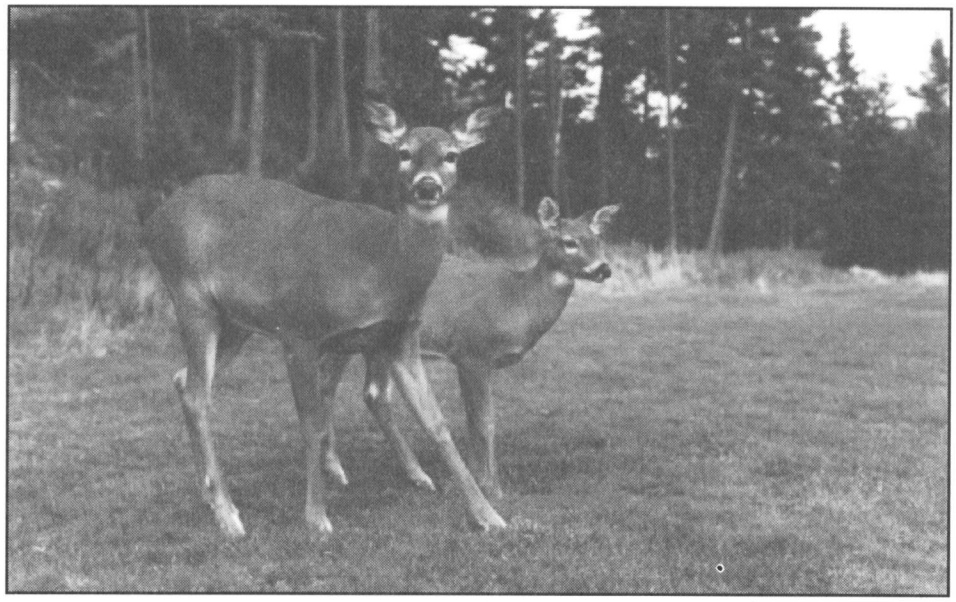


Photo: Serge Martin

Here are a few suggestions on where to look for some of Fundy's animals.

Deer: roadsides, old fields, golf course. **Non-golfers walking on the golf course to view deer risk injury and cause disruptions in play.** Please do your deer-watching from the Point Wolfe road.

Moose: lakes and swamps at dawn or dusk, in particular in the area from Bennett Lake west to Wolfe Lake.

Beavers: Bennett Lake, Laverty Lake, Whitetail trail between Point Wolfe road and Herring Cove.

Coyotes: roadsides, in particular along Hwy 114 between Chignecto camp-ground and Laverty road; old fields; sometimes heard calling near the Micmac group campground.

Salmon: Point Wolfe River, Black Hole pool, and pool at the base of The Forks trail to the Upper Salmon River.

New for You at Fundy

Visitor Centre

Fundy's administration building is undergoing a major change — it's taking on a new role as the park's major visitor orientation facility.

In years past, we helped you get to know the park at two information centres located near the park entrances. One of these, a temporary building at Alma Beach, is now gone, and expanded services are being provided at the location where most visitors gather — the Headquarters area.

The administration building, a federally recognized historic structure, has often been mistaken for a visitor centre over the years. Its larger floorspace, attached washrooms and excellent location make it an ideal choice to take on that role now. The gradual alteration of this space is part of a long-term plan to improve the orientation, information and interpretive services we offer you. The changes will also enhance access to park services for visitors with physical disabilities. A sales outlet operated by the park's co-operating association will be located in the building too, stocked with products and publications to help you learn more about and enjoy your stay at Fundy.

As the second step of the transformation, office space has been expanded in the park's Assembly Hall. As a result, the auditorium area is somewhat smaller, but its carpeted floors and more intimate feel makes this a cosy theatre where some park programs will continue to be presented.

Campground Improvements

Upgrading of the campsites and services at Chignecto campground are making this the most user-friendly, environmentally responsible and accessible camping facility in the Maritimes. A project initiated in response to the changing needs of today's campers, its design also responds to the comments you've made to us over the years.

The first phase of renovations was completed this past spring. Ten brand-new 3-way sites have been added, and 45 existing unserviced sites were converted to 2-way hookups. The remaining unserviced campsites in the section under construction underwent re-alignment and improvements to their tent pads. Wheelchair accessible campsites were added, and lighted footpaths will make your midnight trip to the washroom a somewhat less anxious expedition!

Two major initiatives of the Canadian Parks Service are well demonstrated in the renovations. New service buildings are accessible to persons in wheelchairs, and visual cues in their design and colour schemes assist persons with limited vision. We've "gone green" too: floor and wall surfaces were chosen which reduce the need for harsh cleaning products; water-saving showerheads were installed; clean-burning propane is used to heat the water. Recycling stations will be located near the service buildings to make it easy for you to participate in the park-wide recycling program.

The second phase of improvements continues in 1993, when campsites 1 to 182 are being transformed, to make your Fundy camping experience the best in the East!

Comments?

Fundy National Park

P.O. Box 40, Alma, N.B. E0A 1B0

Your comments, suggestions or criticisms are of concern to us, and help us to improve our facilities and services. Drop off the completed form at any park facility.

Name_____ **Date** _____

Address_____

City _____

Province_____ **Code**_____

Reply requested ☐ **Reply not necessary** ☐

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